

A B S T R A C T

Novel uses of unmodified polyolefins and of grafted polyolefins

Use of at least one unmodified polyolefin [polyolefin (P1)] as additive for a polyolefin composition (C2) comprising at least one polyolefin modified by grafting with acid and/or anhydride groups, which groups are optionally completely or partially neutralized by a neutralizing agent [polyolefin (P2)], for improving the level of at least one mechanical property of the polyolefin composition (C2) up to a level which is improved both with respect to that of the mechanical property of the polyolefin composition (C2) and with respect to that of the mechanical property of a polyolefin composition (C1) obtained by replacing, weight for weight in the polyolefin composition (C2), all the modified polyolefin (P2) by the unmodified polyolefin (P1).

Use of at least one polyolefin modified by grafting with acid and/or anhydride groups, which groups are optionally completely or partially neutralized by at least one neutralizing agent [polyolefin (P2)], as additive for a polyolefin composition (C1) comprising at least one unmodified polyolefin [polyolefin (P1)] for improving the level of at least one mechanical property of the polyolefin composition (C1) up to a level which is improved both with respect to that of the mechanical property of the polyolefin composition (C1) and with respect to that of the mechanical property of a polyolefin composition (C2) obtained by replacing, weight for weight in the polyolefin composition (C1), all the unmodified polyolefin (P1) by the modified polyolefin (P2).

No figure.